

Figure 1: OFDM system

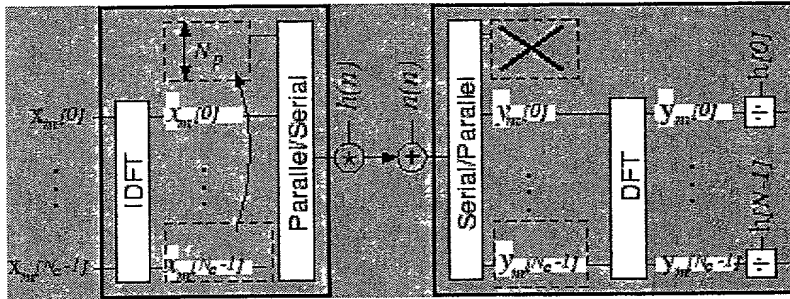
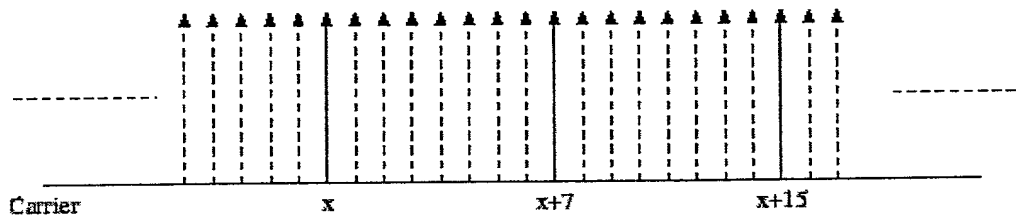
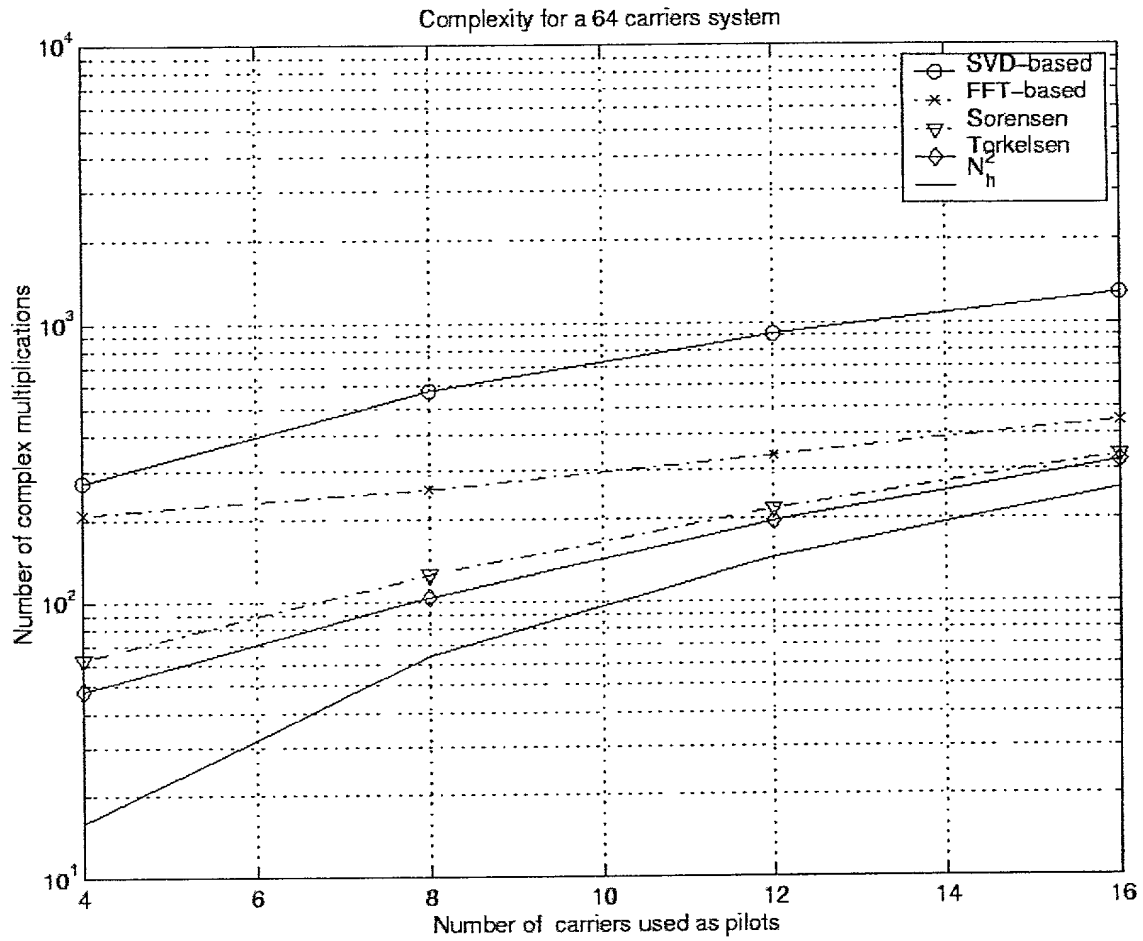


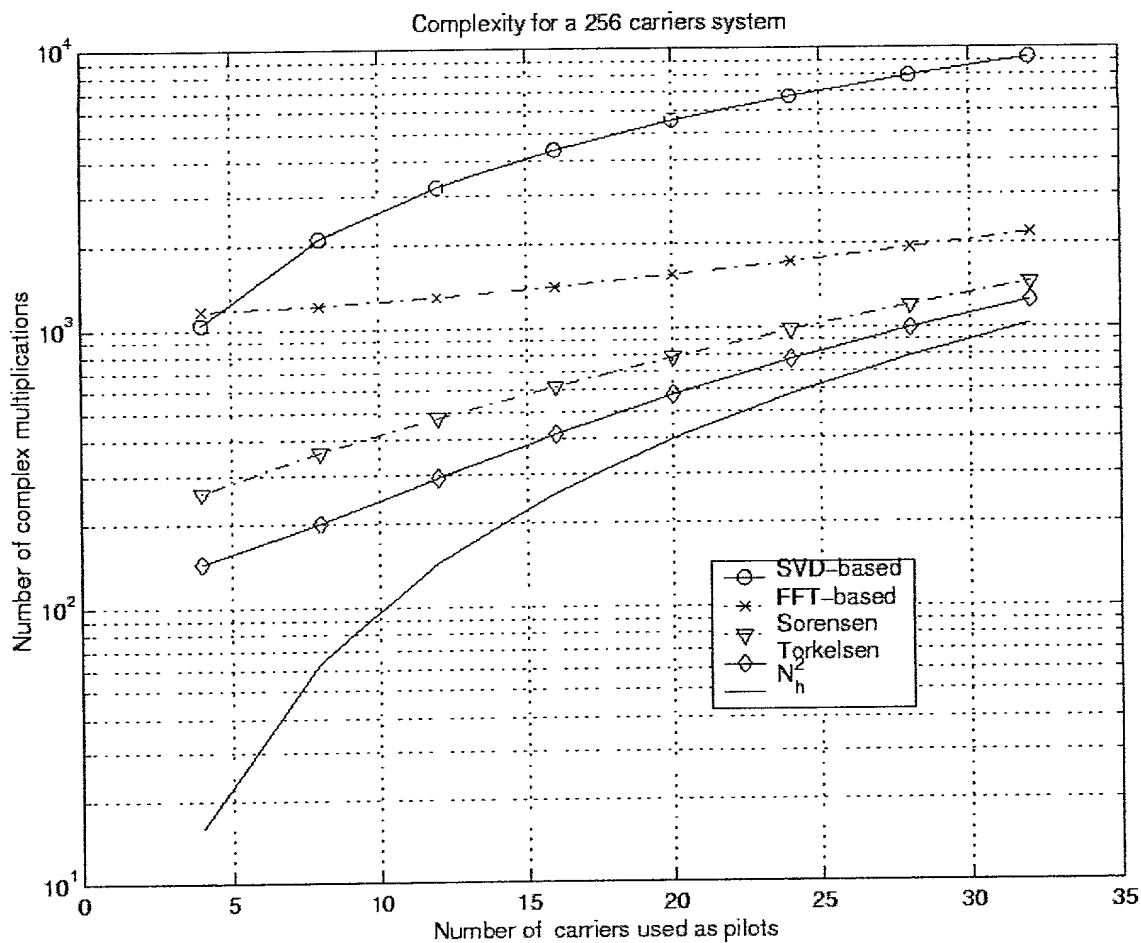
Figure 2: Comb spectrum for  $N_c/N_{he} = 8$



**Figure 3:** FFT-based approaches outperform the SVD-based approaches by an order of magnitude for spectral shaping systems.



**Figure 4:** FFT-based approaches outperform the SVD-based approaches by an order of magnitude for PSAM-based systems.



**Figure 5:** System topology

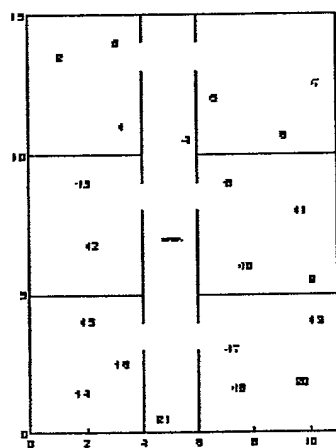
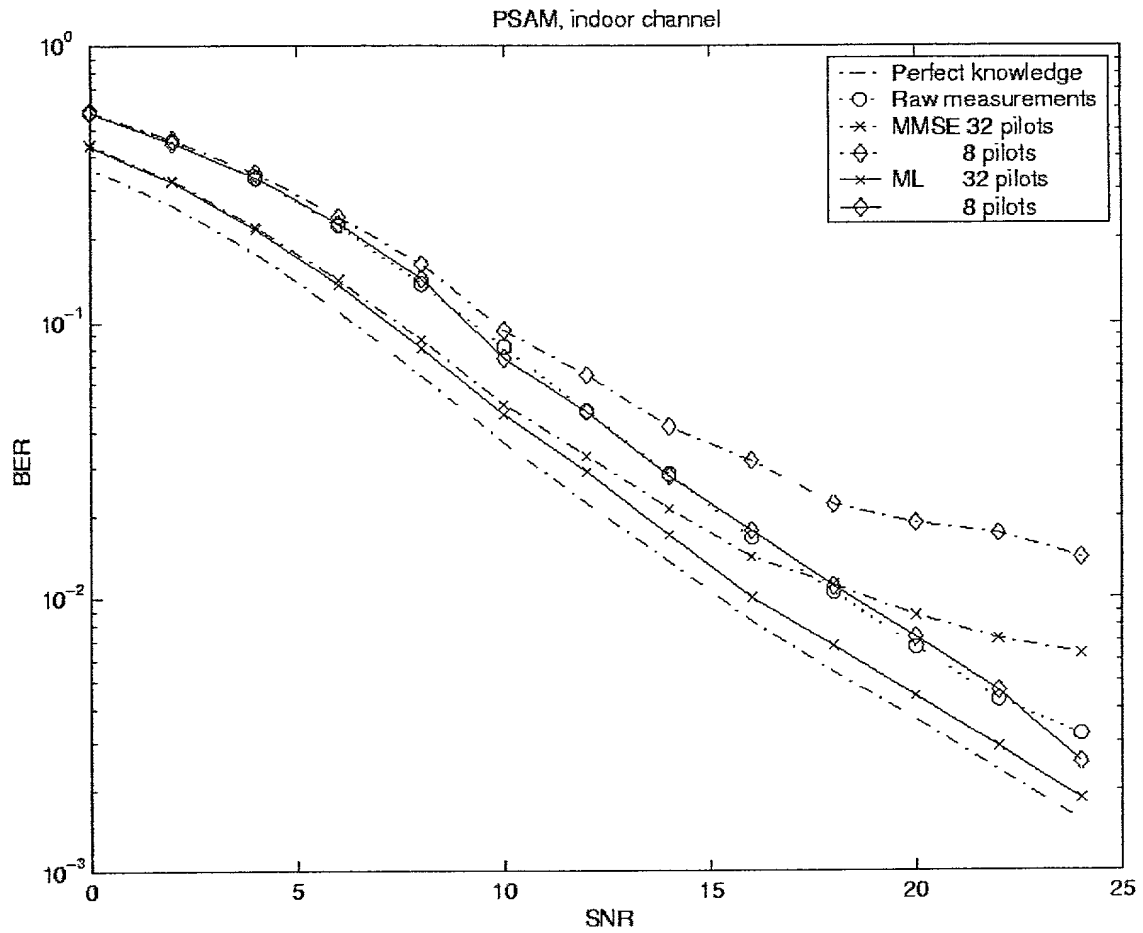




Figure 7: ML estimator behaves better than LMMSE for PSAM with a small number of pilots.



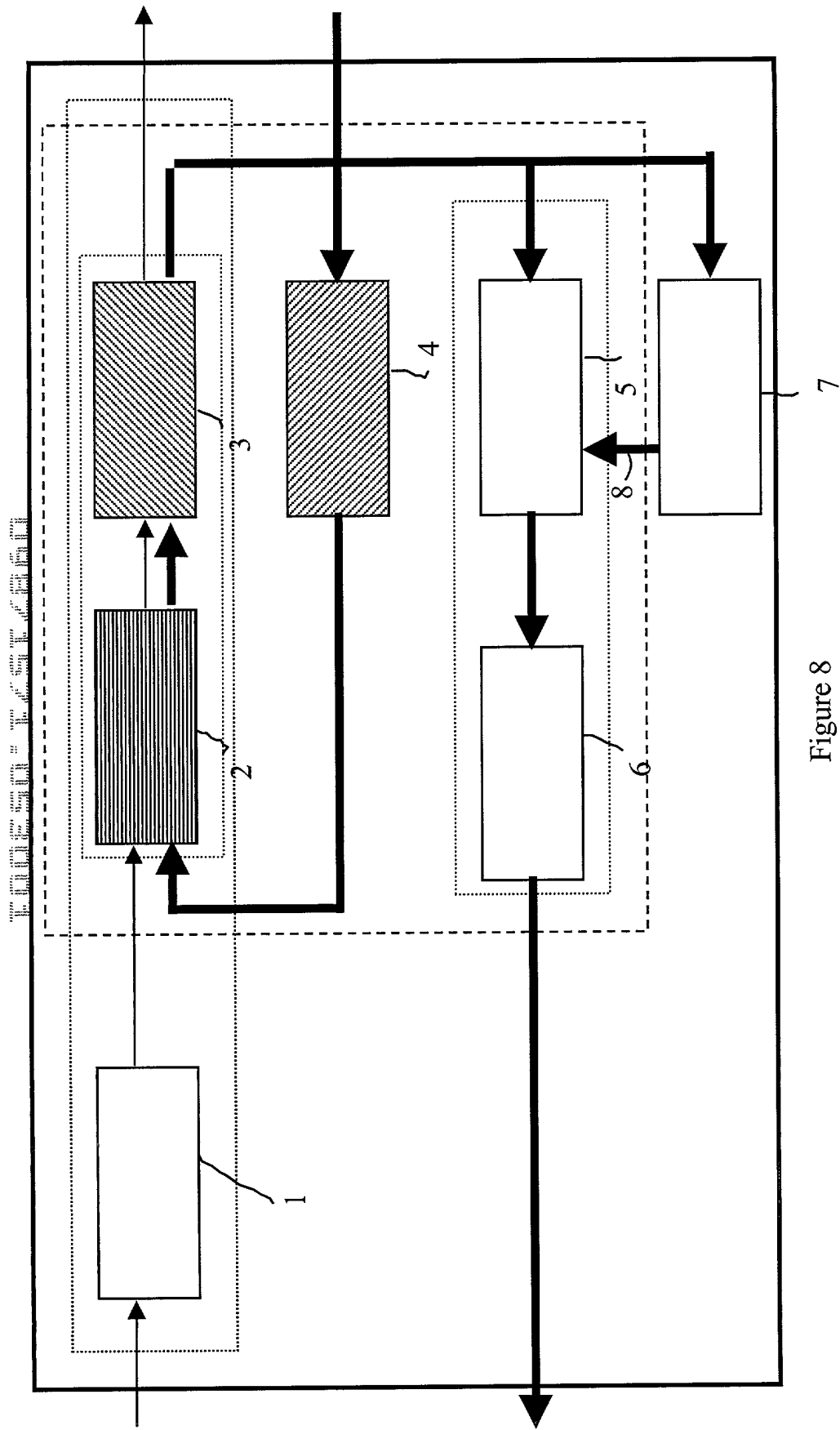


Figure 8

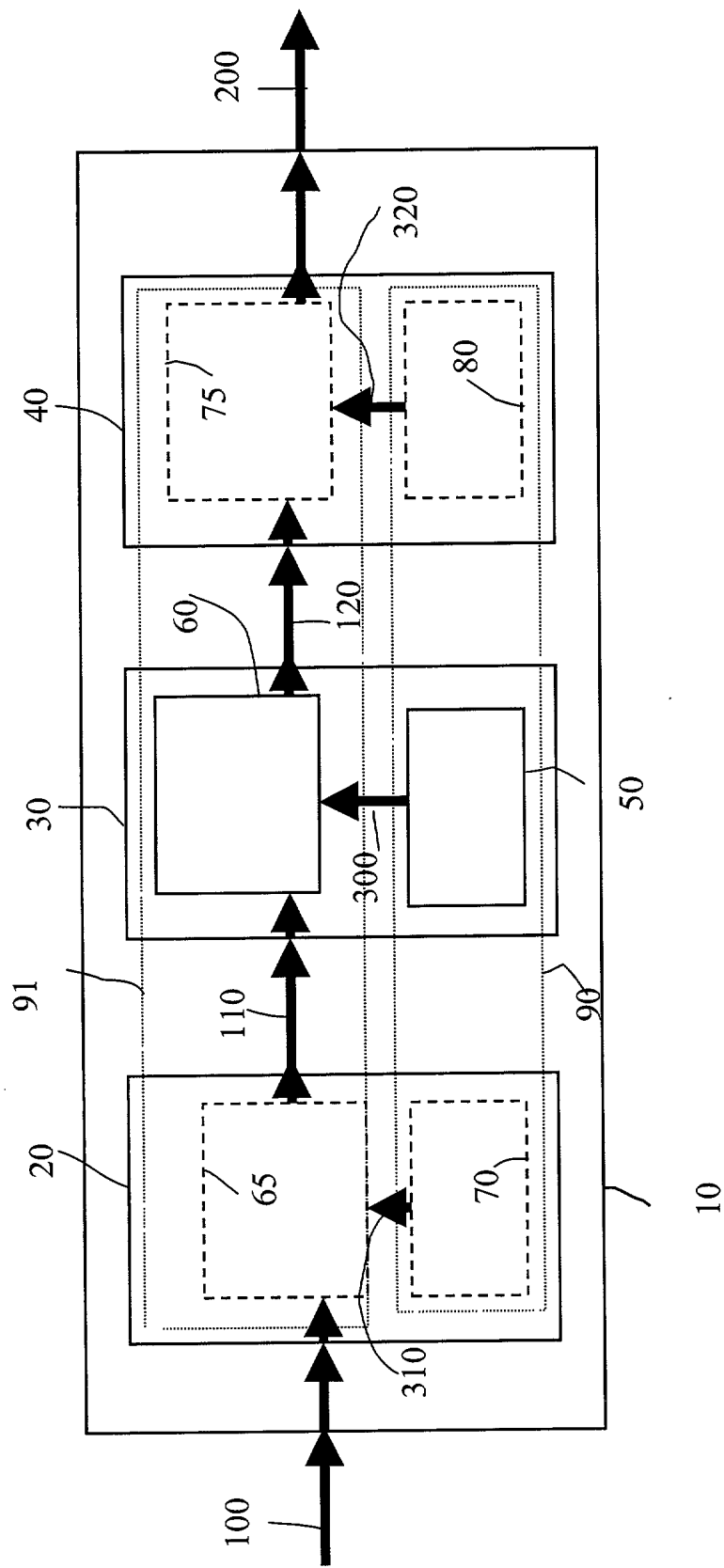


Figure 9

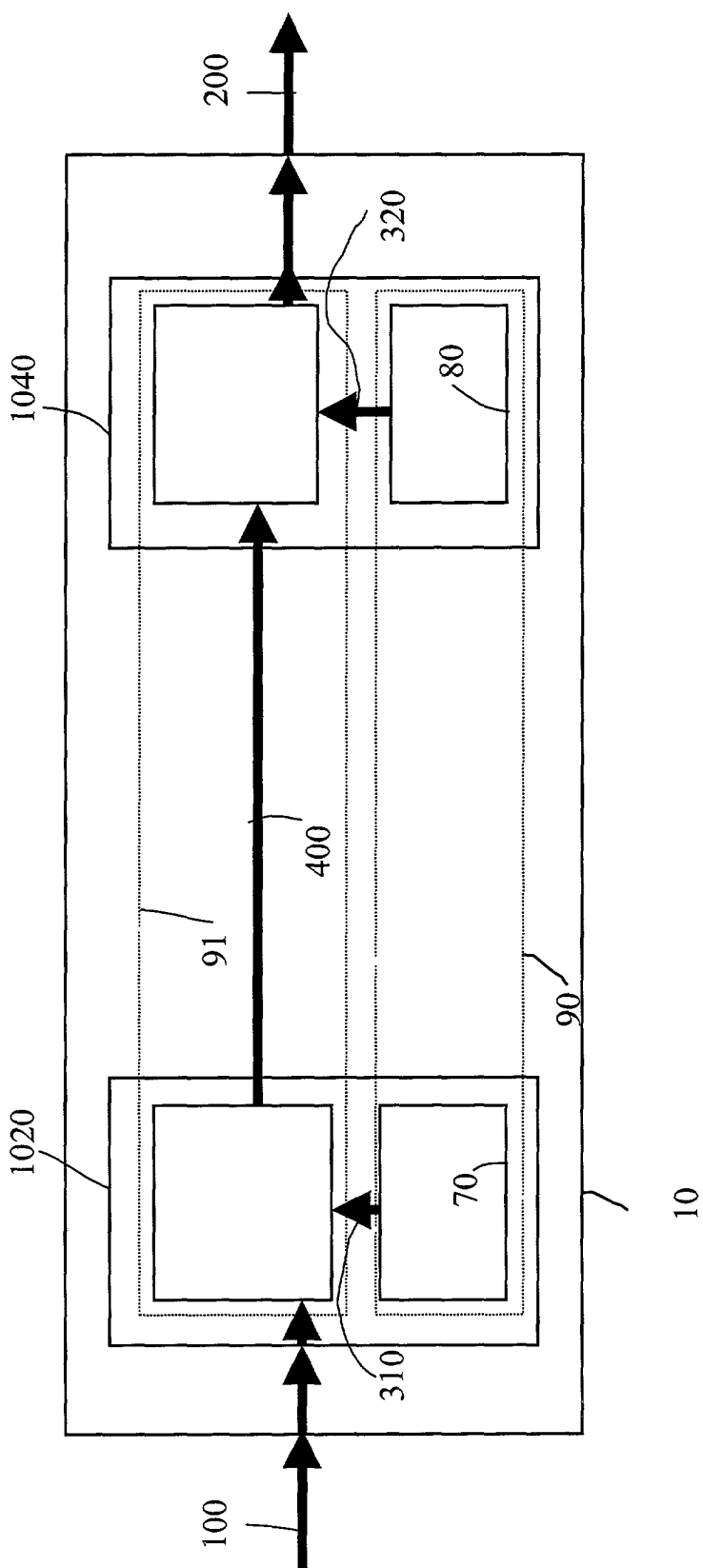


Figure 10



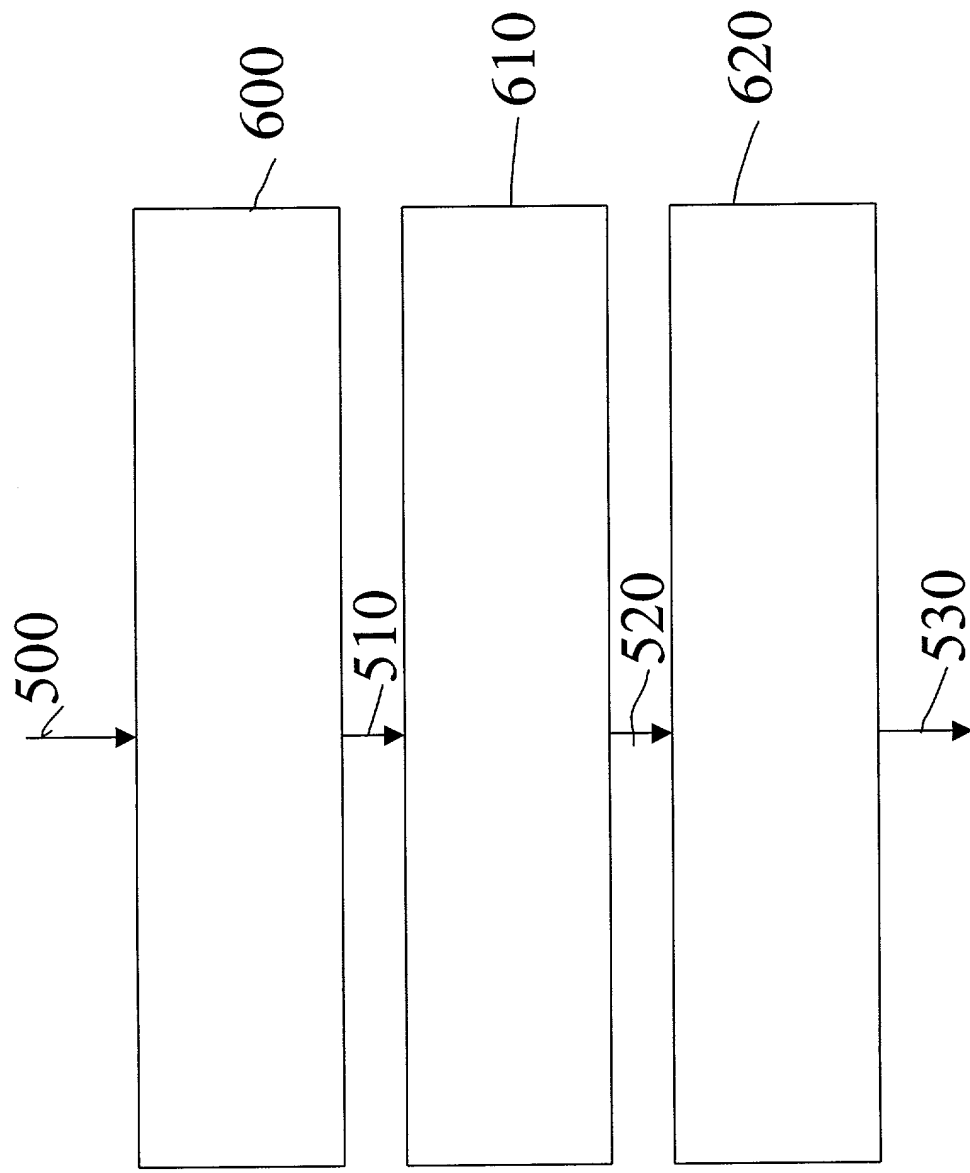


FIGURE 11

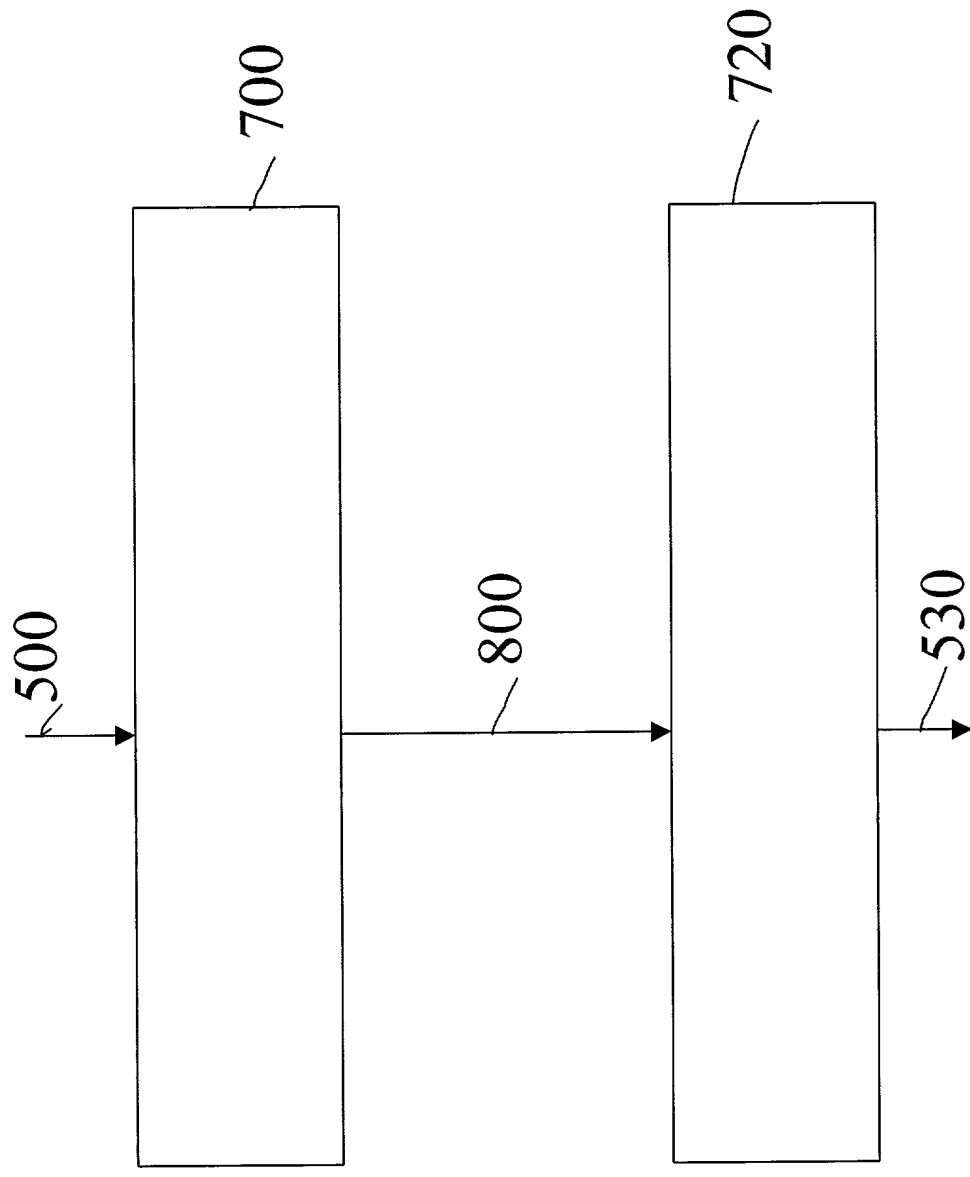


FIGURE 12

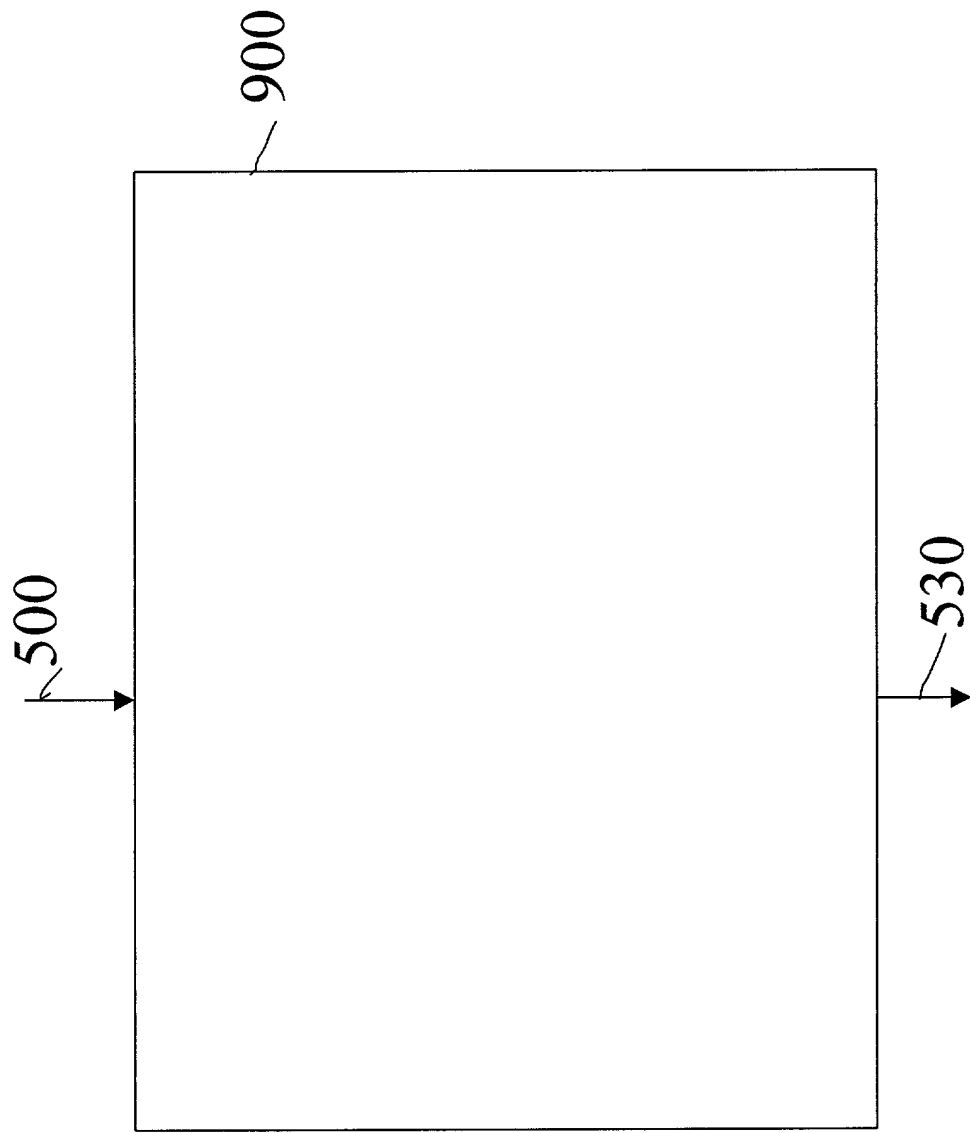


FIGURE 13

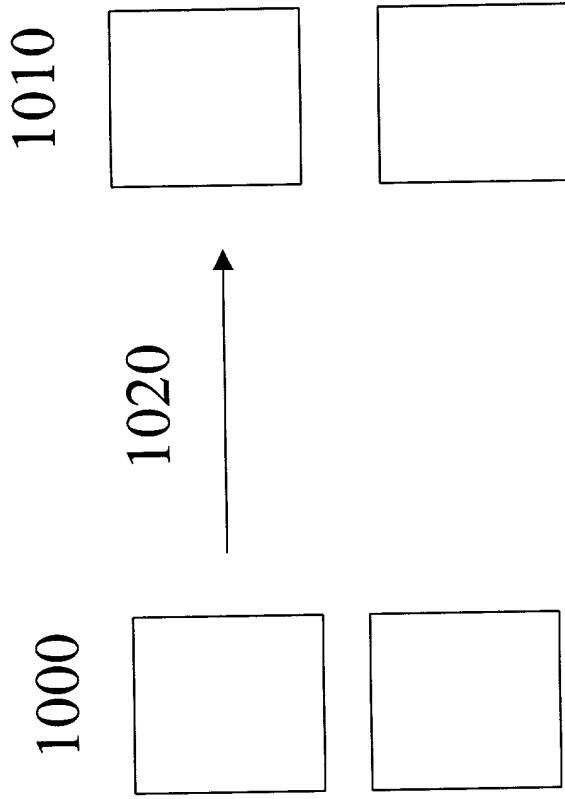


FIGURE 14